## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	("6679861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/05 15:49
S1	1	("5840066").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/05 15:49
S3	325	604/181.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:13
S4	730	604/93.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:15
S5	636	604/164.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:16
S7	807	604/174.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:17
S6	210	604/164.11.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:17
S10	334	catheter same (grasp\$3 same forceps)	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:18
S9	1271	catheter and (grasp\$3 same forceps)	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:18
S8	9712	catheter and grasp\$3	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:18
S13	38	("3019790"   "3814080"   "4263917"   "4484911"   "4653475"   "4700694"   "4734094"   "4735617"   "4792330"   "4817604"   "5071412").PN. OR ("5224931").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/05 16:36
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S31	1	("5372124").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 10:02
S29	18	catheter with (forceps) with (lock or screw)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 17:20
S27	224	catheter with (forceps) with (inject\$3 or needle or cannula)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 10:37
S28	169	S27 not S22 not S21 not S20	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 10:37
S22 S25	89	needle or cannula) catheter with (forceps or grasp\$3) with inject\$3  ("2621651"   "3421509"   "4222380"   "4240411"   "4254762"   "4321915"   "4254762"   "435610"   "4356610"   "4524770"   "4536773"   "4646722"   "4664259"   "4666826"   "4763662"   "4763667"   "4808168"   "4854302"   "4907598"   "490458"   "4907598"   "490458"   "5037433"   "501942"   "5037433"   "501924"   "5193652"   "5226426"   "519365"   "5125642"   "519766"   NN. OR ("5702344") UFFN.	US-PCPUB; US-PAT; USCOR US-PCPUB; USPAT; USCOR	ADJ ADJ	ON ON	2008/03/06 09:31 2008/03/06 10:01
S23	575	catheter with (forceps or grasp\$3) with (inject\$3 or	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 09:31
S24	486	\$23 not \$22 not \$21 not \$20	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 09:31
S21	55	catheter with forceps with inject\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 09:23
S20	23	catheter with forceps with inject\$3	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/06 09:04
S19	10	catheter with forceps with cannula	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/05 18:00
S18	37	catheter with forceps with needle	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/05 17:58
S16	1	catheter with forceps with needle with spring	US-PGPUB; USPAT	ADJ	ON	2008/03/05 17:21
S17	185	catheter with forceps with needle	US-PGPUB; USPAT	ADJ	ON	2008/03/05
S15	1932	604/264.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:52
		("7278992") or ("7309310") or ("7322960")).PN.				

S30	1	("5035231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 10:02
S32	3	(forceps with link\$3) same (needle or cannula) same (spring or bias)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/10 10:16
S33	15	("0671337"   "3763860"   "3871379"   "5100421"). PN. OR ("5383877"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 10:21
S34	159	(forceps) same (needle or cannula) same (spring or bias)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/10 10:30
S35	2	(("6066102") or ("4607619")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 10:45
<b>S3</b> 6	271	606/206.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/10 10:59
S37	134	("2371082"   "2942604"   "3155094"   "3547124"   "3763810"   "3763860"   "3820544"   "3870048"). PN. OR ("3989049"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 11:08
S38	33	S37 and inject\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 11:14
S39	26	S38 and (spring or bias)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 11:48
S40	1	("5921993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 12:40
S41	1	("20050049520").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 13:30
S42	1	("5665100").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 15:18
S43	1	("3870048").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 15:47
S44	1	("6066102").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 16:29
S45	2	(("5921993") or ("6066102")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 09:04
S47	1133	S46 and catheter	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:15
S46	3347	forceps same needle	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:15
S49	682	604/164.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:18

S52	152	604/164.12.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:19
S51	224	604/164.11.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:19
S50	103	604/164.09.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:19
S56	310	604/284.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:21
S55	1545	604/523.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:21
S59	95	604/44.cdls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:22
S58	659	604/43.cdls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:22
S57	537	604/27.cds.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:22
S60	226	catheter with forceps with needle	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:33
S61	38	("3019790"   "3814080"   "4263917"   "4484911"   "4653475"   "4700694"   "4734094"   "4735617"   "4792330"   "4817604"   "5071412").PN. OR ("5224931").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 09:46
S62	175	("4318401"   "4531935"   "4531936"   "4568330"   "4610661"   "5013296"   "5167628"   "5224931"   "5330498").PN. OR ("5425705").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 09:52
S63	39	("4578058"   "5217460"   "5224931"   "5224954"   "5234443"   "5350384"   "5352237").PN. OR ("5496310").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 09:58
S64	650	S58 not S59	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:09
S67	373	606/208 ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:34
S66	320	606/206.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:34
S65	1304	606/205.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:34
S69	284	S68 not S59	US-PGPUB; USPAT	ADJ	ON	2009/02/17 10:44
S68	286	S56 not S58	US-PGPUB; USPAT	ADJ	ON	2009/02/17 10:44

S70	1	("5496310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 10:45
S73	477	S72 not S56	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:06
S72	480	S71 not S59	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:06
S71	487	S57 not S58	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:06
S75	1630	S65 or S66 or S67	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:09
S78	4	("3870048"   "5665100"   "5921993"   "6066102"). PN.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:15
S79	1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 12:30
S80	13	("4578058"   "4700694"   "4905669"   "5009643"   "5040548"   "5044369"   "5129889"   "5131379"). PN. OR ("5350384"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 12:33
S81	48	forceps with (link or linking or linkage) with closed	US-PGPUB; USPAT	ADJ	ON	2009/02/17 12:46
S82	24	forceps with (link or linking or linkage) with retract\$4	US-PGPUB; USPAT	ADJ	ON	2009/02/17 13:07
S83	1	("5478350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 14:31
S87	655	S86 not S59	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S86	661	S85 not S58	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S85	671	S84 not S57	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S84	680	S49 not S56	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S88	1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 15:05
S89	1	("5921993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 15:13
S90	1	("6796963").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 15:37
S91	320	S50 or S51	US-PGPUB; USPAT	ADJ	ON	2009/02/17 16:05
S92	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 16:10

S93 2201	S49 or S55	US-PGPUB; USPAT	ADJ	ON	2009/02/17 16:23
S94 1	("4222380").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 08:56
S95 1	("5478350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 09:01
S96 1	("5496310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 12:12
S97 1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 12:53
S98 1	("5921993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 13:39
S99 2	(("5496310") or ("5478350")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/06 15:05
S100 1	("5496310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 17:26
294	[("20010007937") or ("20010014439") or ("20010014439") or ("20010014439") or ("20010041824") or ("200200263150") or ("200200265150") or ("200200265549") or ("200200265549") or ("200200265549") or ("20020157888") or ("20020157888") or ("20020177838") or ("200201378350") or ("200201378350") or ("200201378350") or ("200201378350") or ("200201378350") or ("2003009137") or ("2003009137") or ("2003009137") or ("200300913890") or ("20030038590") or ("20030038590") or ("20030038590") or ("20030038590") or ("20030038590") or ("20030038580") or ("20050234409") or ("20050234409") or ("20050235884") or ("20050188820") or ("4245635") or ("4245635") or ("4245635") or ("4354576") or ("4354576") or ("4354576") or ("4354576") or ("44545896") or ("44545896") or ("4445896") or ("445896") or ("445896") or ("4445896") or ("445896") or ("445	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12

("4512768") or ("4559039") or ("4559039") or ("4559039") or ("4559043") or ("4569068") or ("4569068") or ("4569068") or ("4569068") or ("4569068") or ("470033") or ("470033") or ("470033") or ("470032") or ("470032") or ("470033") or ("4800890") or ("4800815") or ("480815") or ("480994") or ("480994") or ("4854315") or ("4854315") or ("486994") or ("486994") or ("4905882") or ("4905882") or ("4905882") or ("4905882") or ("4906900") or ("491590") or ("550528") or ("550528") or ("550528") or ("550528") or ("550528") or ("550528") or ("550973")			
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S103	189	("4318401"   "4531935"   "4531936"   "4568330"   "4610661"   "5013296"   "5133724"   "5156609"   "5167628"   "5211655"   "5224931"   "5290294"   "5330498").PN. OR ("5536251").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/12 10:39
S104	38	("3019790"   "3814080"   "4263917"   "4484911"   "4653475"   "4700694"   "4734094"   "4735617"   "4792330"   "4817604"   "5071412").PN. OR ("5224931").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/12 10:52
S106	52	S105 and vessel	US-PGPUB; USPAT	ADJ	ON	2009/06/12 14:20
8105	146	(US-20030135091-\$ or US- 10S-20070073320-\$ or US- 20060069304-\$ or US- 20070066869-\$ or US- 20010047135-\$ or US- 20050049520-\$ or US- 20060036182-\$ or US- 20080214889-\$ or US- 20010025149-\$ or US- 2006023568-\$ or US- 20030216749-\$ or US- 20030216749-\$ or US- 20030216749-\$ or US- 20030216779-\$ or US- 20030130693-\$ or US- 20030130693-\$ or US- 20030130693-\$ or US- 2003017373-\$ or US- 2003017373-\$ or US- 200301745-\$ or US- 5004295-\$ or US- 5772344-\$ or US- 5899850-\$ or US- 5944657-\$ or US- 5944657-\$ or US- 5944657-\$ or US- 5372124-\$ or US- 537305-\$ or US- 5383877-\$ or US- 5460761-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2009/06/12

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S107	1	("5626607"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 14:39
S108	2	(("5536251") or ("5478350")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 09:52
S109	1	("5350384"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 10:02
S110	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 10:04
S111	1	("5478350"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 12:31
S112	1	("5350384") PN	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 13:44
S113	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 14:27
S114	2	(("5536251") or ("5478350")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/05 14:11
S116	197	604/73.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:17
S115	331	604/48.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:17
S119	996	604/131.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:18
S118	464	604/118.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:18
S123	293	604/164.13.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:20
S127	725	604/528.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:21
S128	146	[US-20030135091-\$ or US-20070073320-\$ or US-20060069304-\$ or US-20060069304-\$ or US-20070066869-\$ or US-20010047135-\$ or US-20050049520-\$ or US-20060036182-\$ or US-200600214989-\$ or US-200600214989-\$ or US-200300216749-\$ or US-20030016749-\$ or US-20030016749-\$ or US-20030130693-\$ or US-20030140773-\$ or US-200301477873-\$ or US-20030040773-\$ or US-20030040743-\$ or US-50040295-\$ or US-5702344-\$ or US-5702344-\$ or US-5702344-\$ or US-5702344-\$ or US-5899850-\$ or US-	US PGPUB; USPAT	ADJ	ON	2009/12/05 14:22

6053860-\$ or US-		1	
5944657-\$ or US-			
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5785689-\$ or US-			
6296608-\$ or US-			
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5261918-\$ or US-				
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6083240-\$ or US-				
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7464712-\$ or US-				
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S129	25	S128 and (guide\$1wire or wire\$1guide or stylet)	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:23
S130	77	S128 and pressur\$5	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:29
S131	331	604/48.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:30
S133	186	S132 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:57
S132	197	604/73.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:57
S135	456	S134 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:06
S134	464	604/118.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:06
S136	446	S135 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:07
S140	968	S139 not S134	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S139	983	S138 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S138	992	S137 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S137	996	604/131.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S141	293	604/164.13.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:03
S145	290	S144 not S137	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S144	293	S143 not S134	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S143	293	S142 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S142	293	S141 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S146	1	("6849062").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 13:09

S150	724	S149 not S134	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S149	725	S148 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S148	725	S147 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S147	725	604/528.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S152	686	S151 not S141	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:19
S151	722	S150 not S137	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:19
S153	89	endoscope with guide \$1wire with (tube or tubular)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:01
S155	8	catheter with guide\$1wire with (tube or tubular) with forceps	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:04
S154	2900	catheter with guide\$1wire with (tube or tubular)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:04
S156	6	catheter with guide\$1wire with needle with forceps	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:06
S157	4	(("5536251") or ("5478350") or ("5382234") or ("6102887")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 18:07
L2	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:26

## 12/8/2009 12:46:13 PM

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